

THE INVENTION CLAIMED IS:

56. A method for producing biologically active Fv antibody fragments having a neutralizing effect on the anti-viral activity of human interferon-gamma (IFN- Γ) comprising:

- a. inserting an isolated nucleic acid into a suitable expression vector, wherein the nucleic acid encodes an Fv antibody fragment which binds human IFN- Γ , said nucleic acid including nucleotide sequences encoding the V_H and V_L domains of the D9D10 monoclonal antibody and a nucleotide sequence encoding a linker peptide which links the V_H and V_L domains;
- b. introducing the expression vector into a suitable host cell;
- c. incubating the host cell to produce the Fv antibody fragment; and
- d. isolating the Fv antibody fragment.

57. The method of claim 1, further comprising treating humans having a disease associated with IFN- Γ with the biologically active Fv antibody fragments, wherein the human disease is selected from the group consisting of endotoxic shock, local inflammation, cerebral malaria, and autoimmune arthritis.